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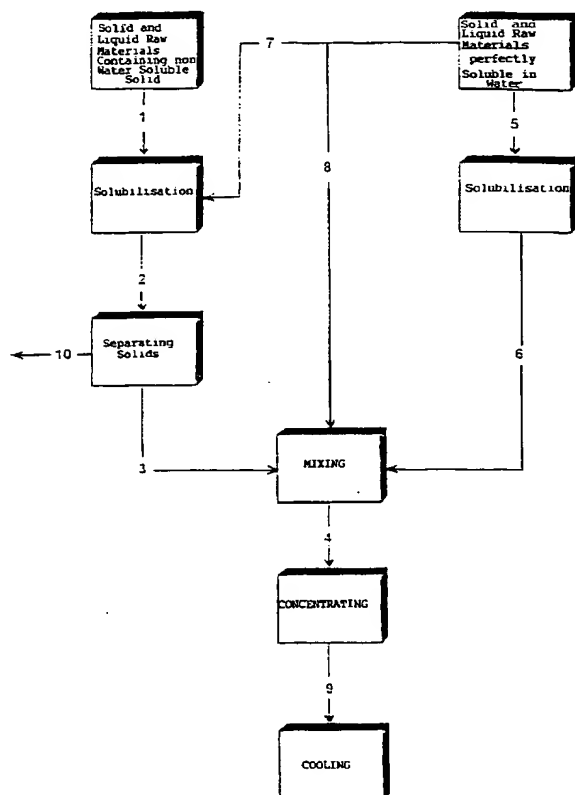
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(54) Title: **WATER SOLUBLE COMPLEX FERTILISERS, METHOD FOR THEIR PREPARATION AND RELATED USE**



(57) Abstract: The present invention relates to a method for the preparation of a complex NPK fertiliser in the form of granules or prills, and to a method for its preparation and to the related use of the fertiliser thereby obtained. In particular the present invention relates to a fertiliser containing as fertilising elements Nitrogen N, Phosphor P, Potassium K, meso elements like Calcium Ca, Magnesium Mg, Sulphur S, and micro elements like Iron Fe, Manganese Mn, Zinc Zn, Copper Cu, Boron B and Molybdenum Mo.

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TITLE: Ammonium polyphosphate prepn. for fertilisers - in which the granulation is carried out with the ppte. formed from the first ammoniation process

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BASIC-ABSTRACT: Ammonium polyphosphate is prepd. by ammoniation of wet process phosphoric acid, sepg. by insoluble ppte. and then complete ammoniation of the filtrate obtd. The ammonium polyphosphate melt formed is then granulated. The physico-mechanical properties of the prod. are improved and the available P2O5 content increased if the granulation is carried out in the presence of the insoluble ppte. The prod. is used in the prodn. of mineral fertiliser.

TITLE-TERMS:

AMMONIUM PREPARATION FERTILISER GRANULE CARRY PRECIPITATION FORMING FIRST AMMONIATED PROCESS

DERWENT-CLASS: C04

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